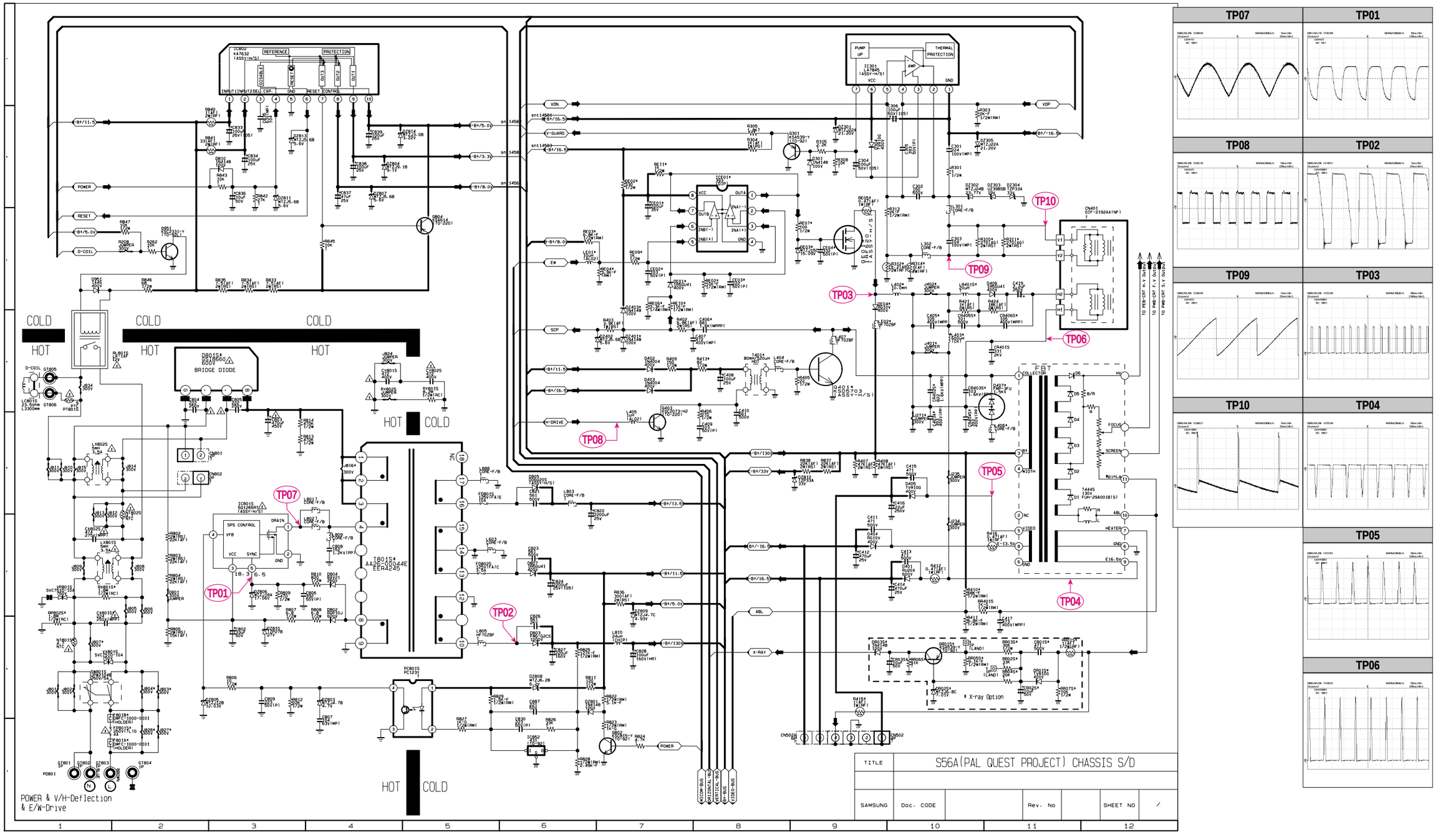
10. Schematic Diagrams

10-1 MAIN 1



TP07

TP01

TP08

TP02

TP09

TP03

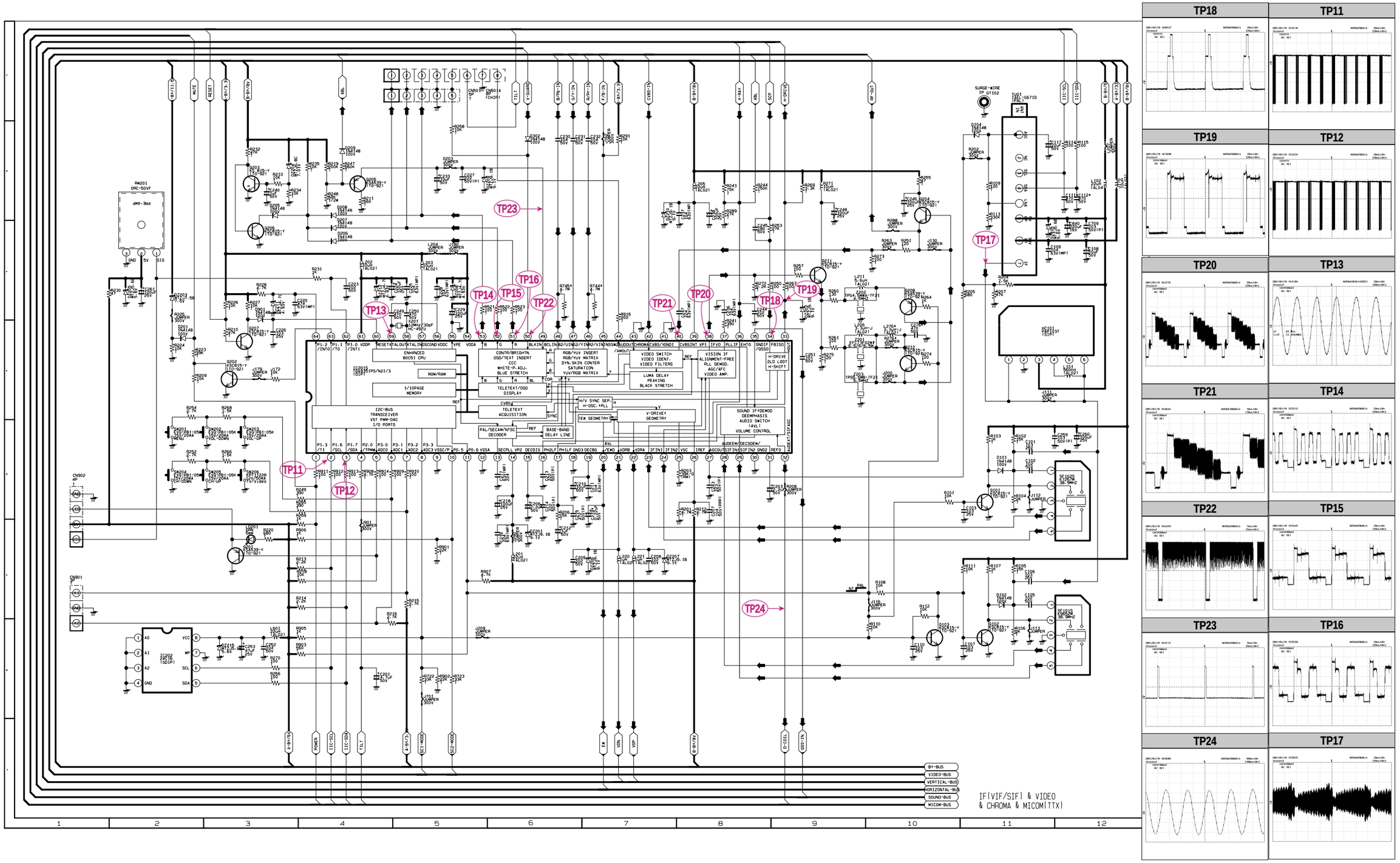
TP10

TP04

TP05

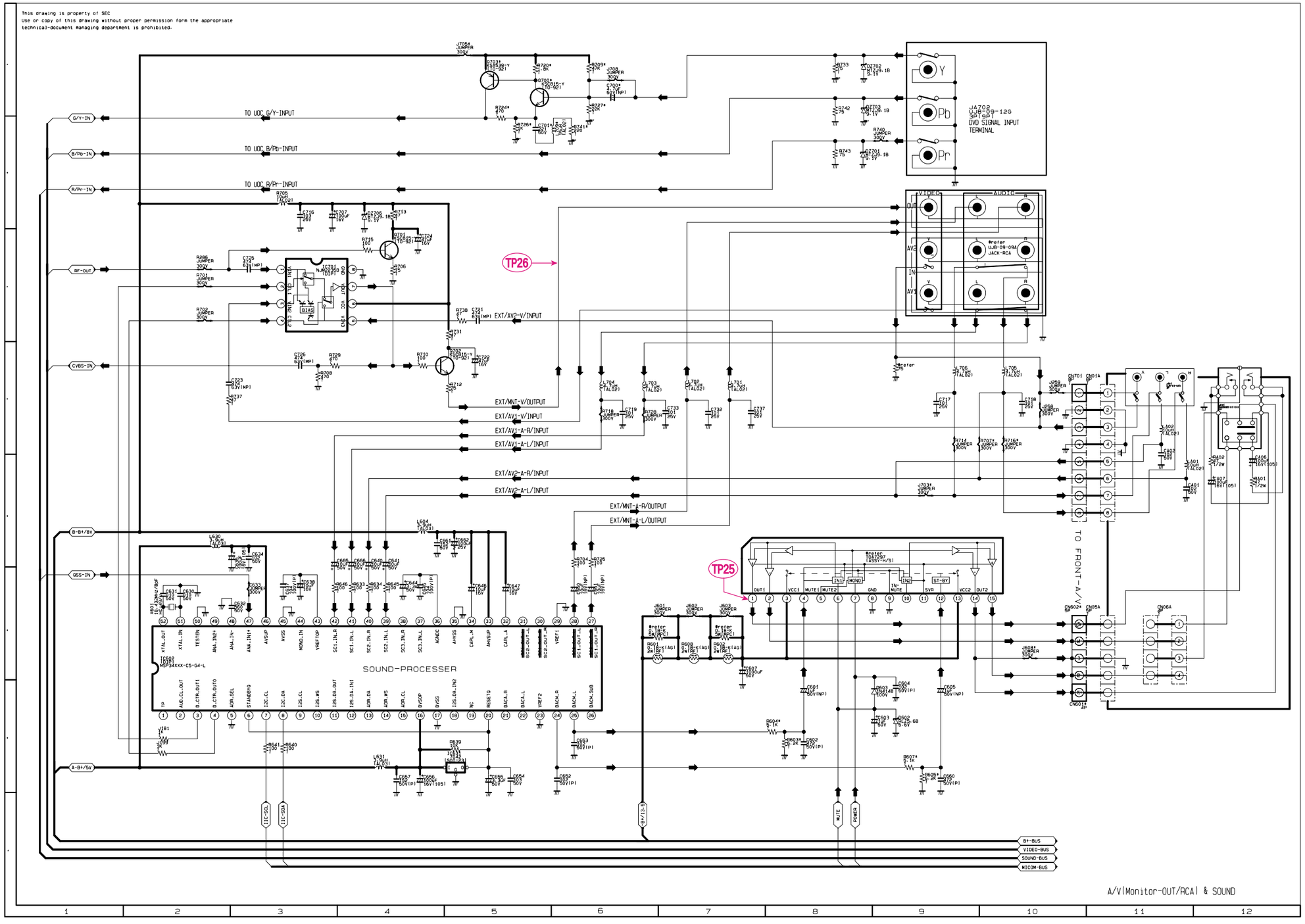
TP06

10-2 MAIN 2

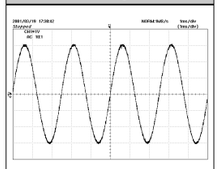

TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
TP19
TP20
TP21
TP22
TP23
TP24
ENHANCED 80C51 CPU
ROM/RAM
I/10PAGE MEMORY
I2C-BUS TRANSCEIVER VST PWM-DAC I/O PORTS
TELETEXT/OSD DISPLAY
TELETEXT ACQUISITION
PAL/SECAM/NTSC DECODER
BASE-BAND DELAY LINE
CONTR/BRIGHTN OSD/TEXT INSERT CCC WHITE-P.ADJ. BLUE STRETCH
RGB/YUV INSERT RGB/YUV MATRIX DYN.SKIN CONTER SATURATION YUV/RGB MATRIX
VIDEO SWITCH VIDEO IDENT. VIDEO FILTERS
LUMA DELAY PEAKING BLACK STRETCH
H/V SYNC SEP. H-OSC.+PLL
V-DRIVE+ GEOMETRY
VISION IF ALIGNMENT-FREE PLL DEMOD. AGC/AFC VIDEO AMP.
SOUND IF+DEMOD DEEMPHASIS AUDIO SWITCH (AVL) VOLUME CONTROL
H-DRIVE ZLD LOOT H-SHIFT
SURGE-WIRE
IC201 24C16 (SDIP)
IC202 24C16 (SDIP)
IF(VIF/SIF) & VIDEO & CHROMA & MICOM(TTX)
B+-BUS
VIDEO-BUS
VERTICAL-BUS
HORIZONTAL-BUS
SOUND-BUS
MICOM-BUS

TP18
TP11
TP19
TP12
TP20
TP13
TP21
TP14
TP22
TP15
TP23
TP16
TP24
TP17

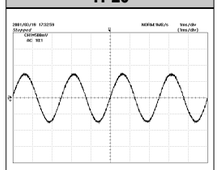
10-3 MAIN 3



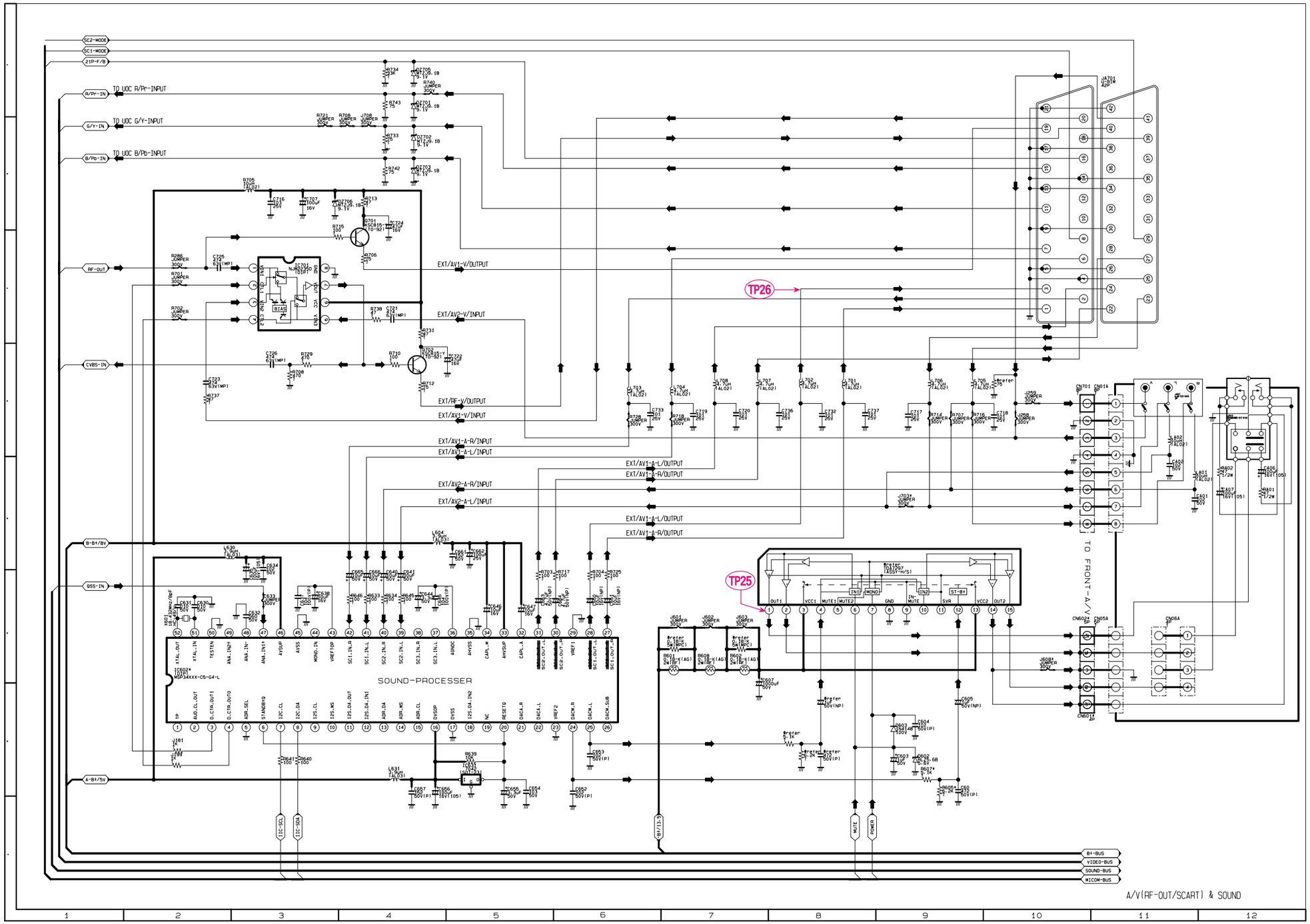
TP25



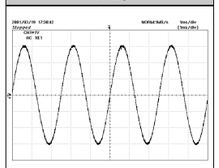
TP26



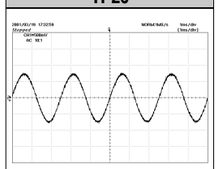
10-4 MAIN 4



TP25



TP26



10-5 MAIN 5

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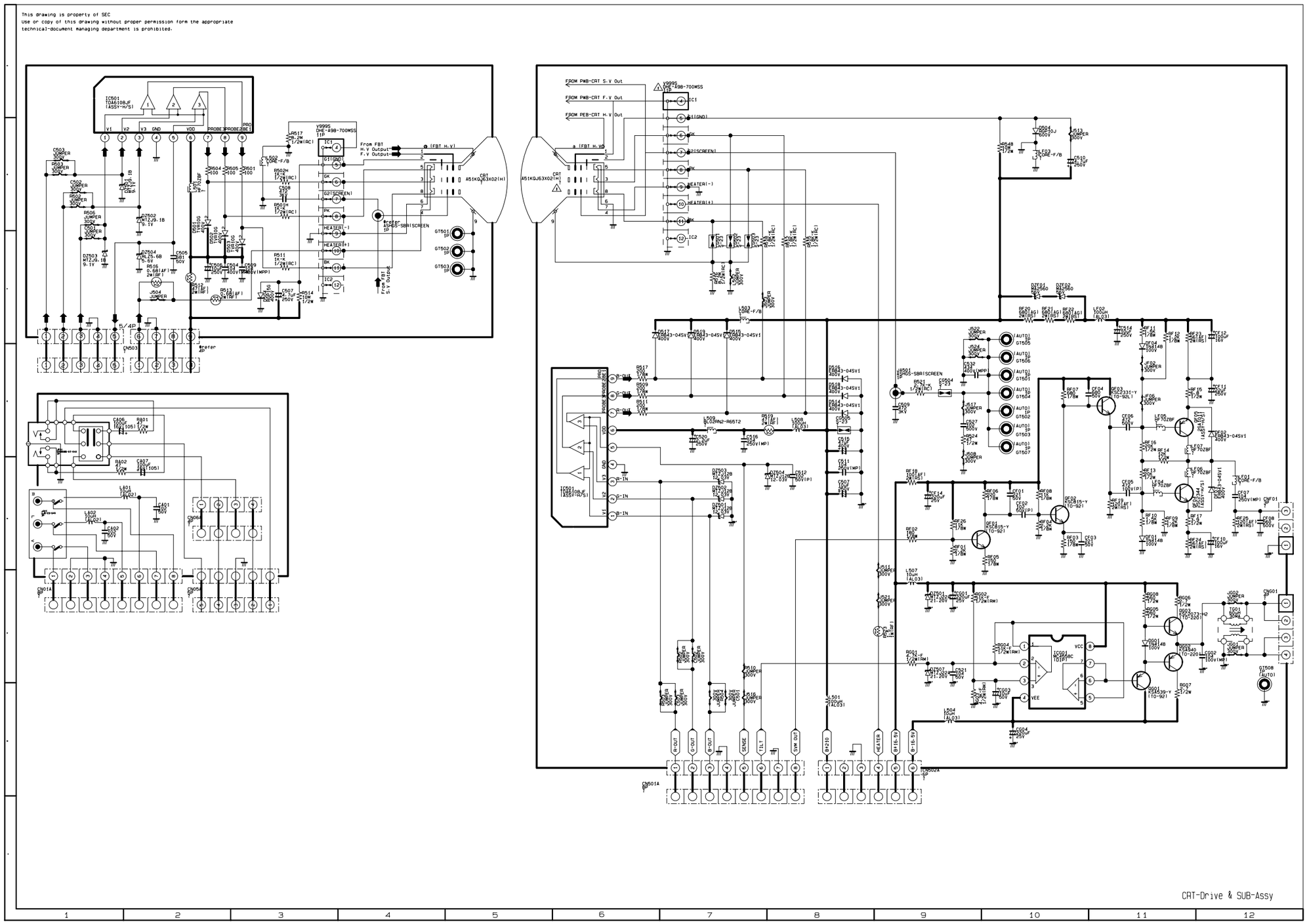
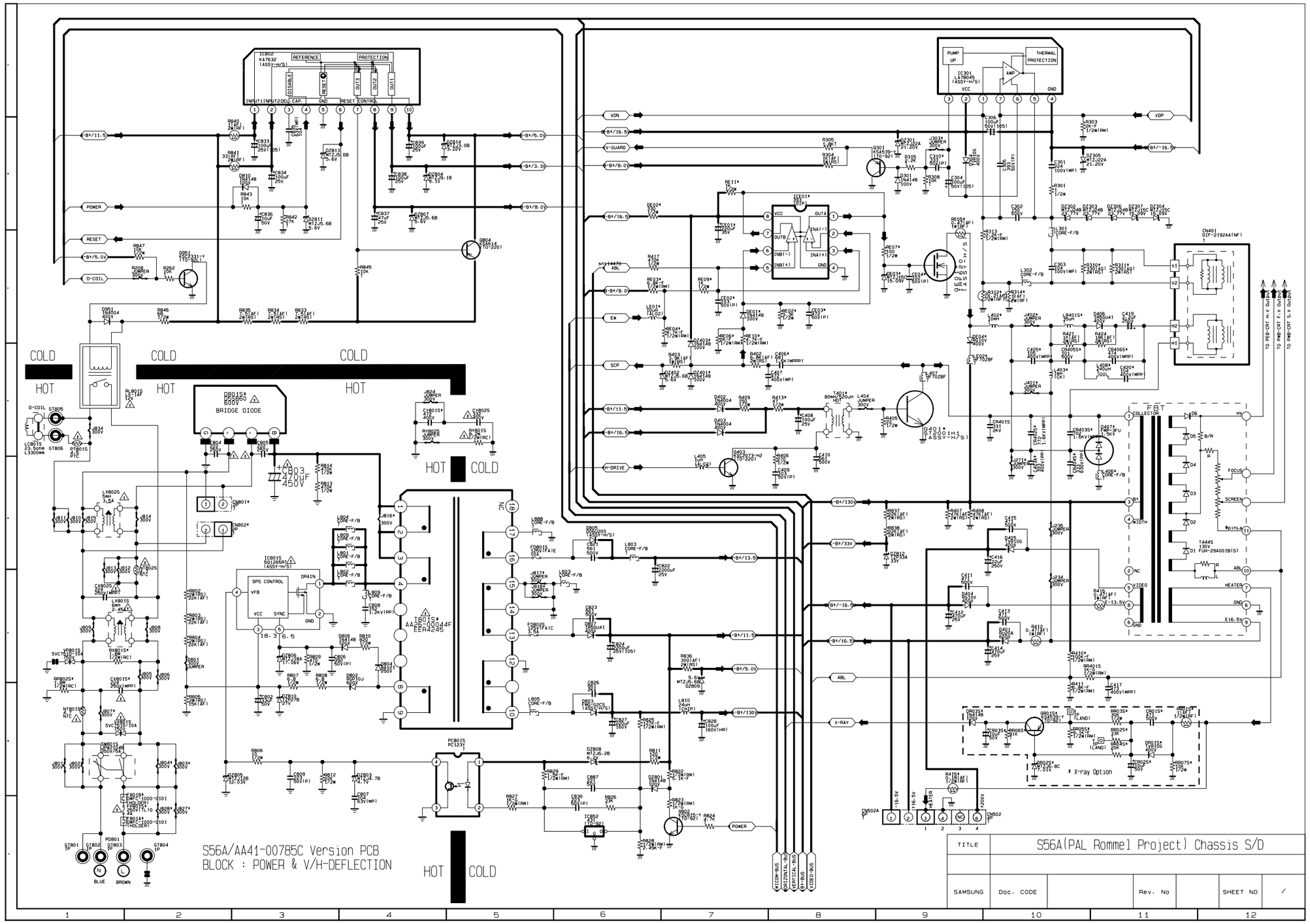
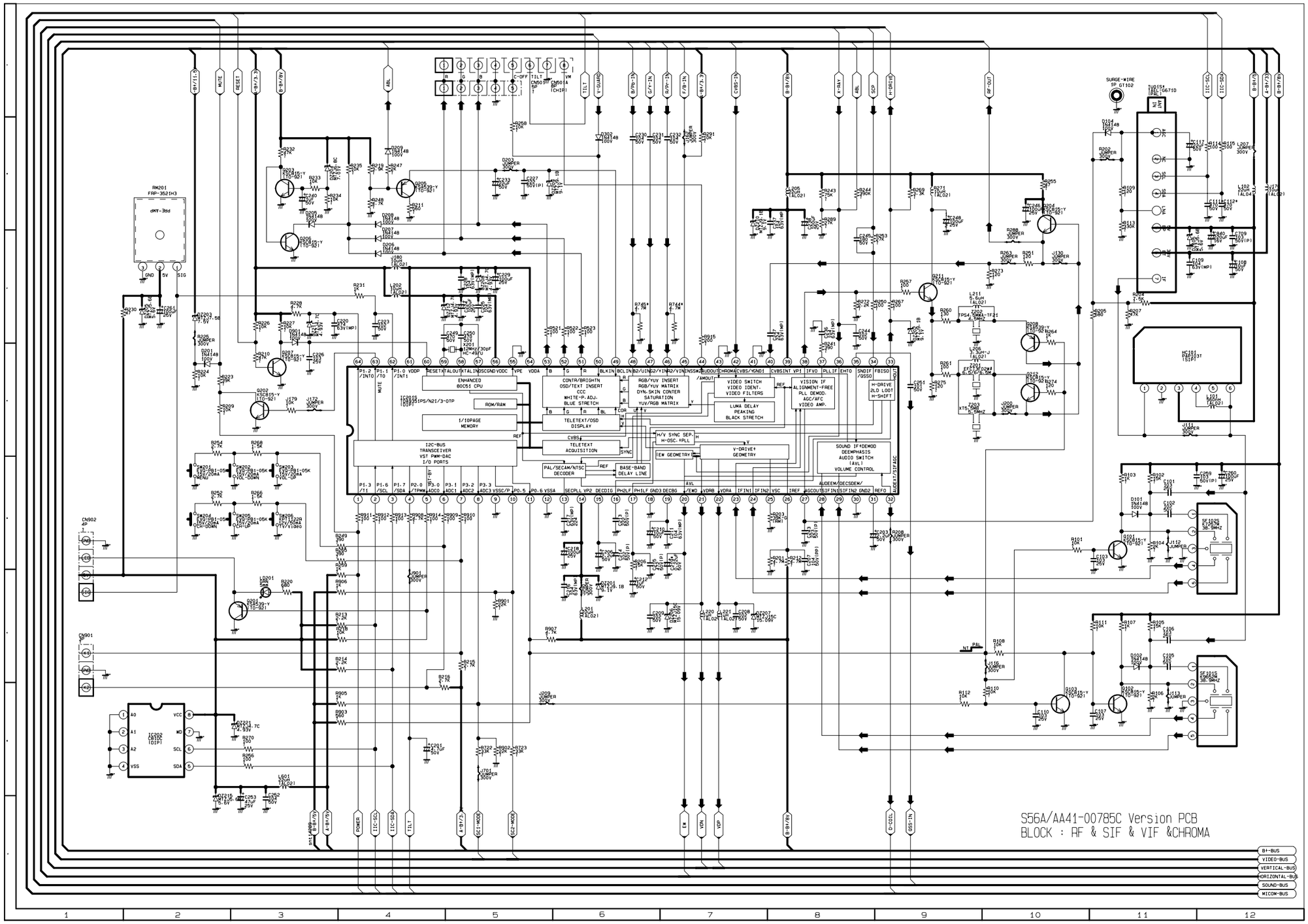


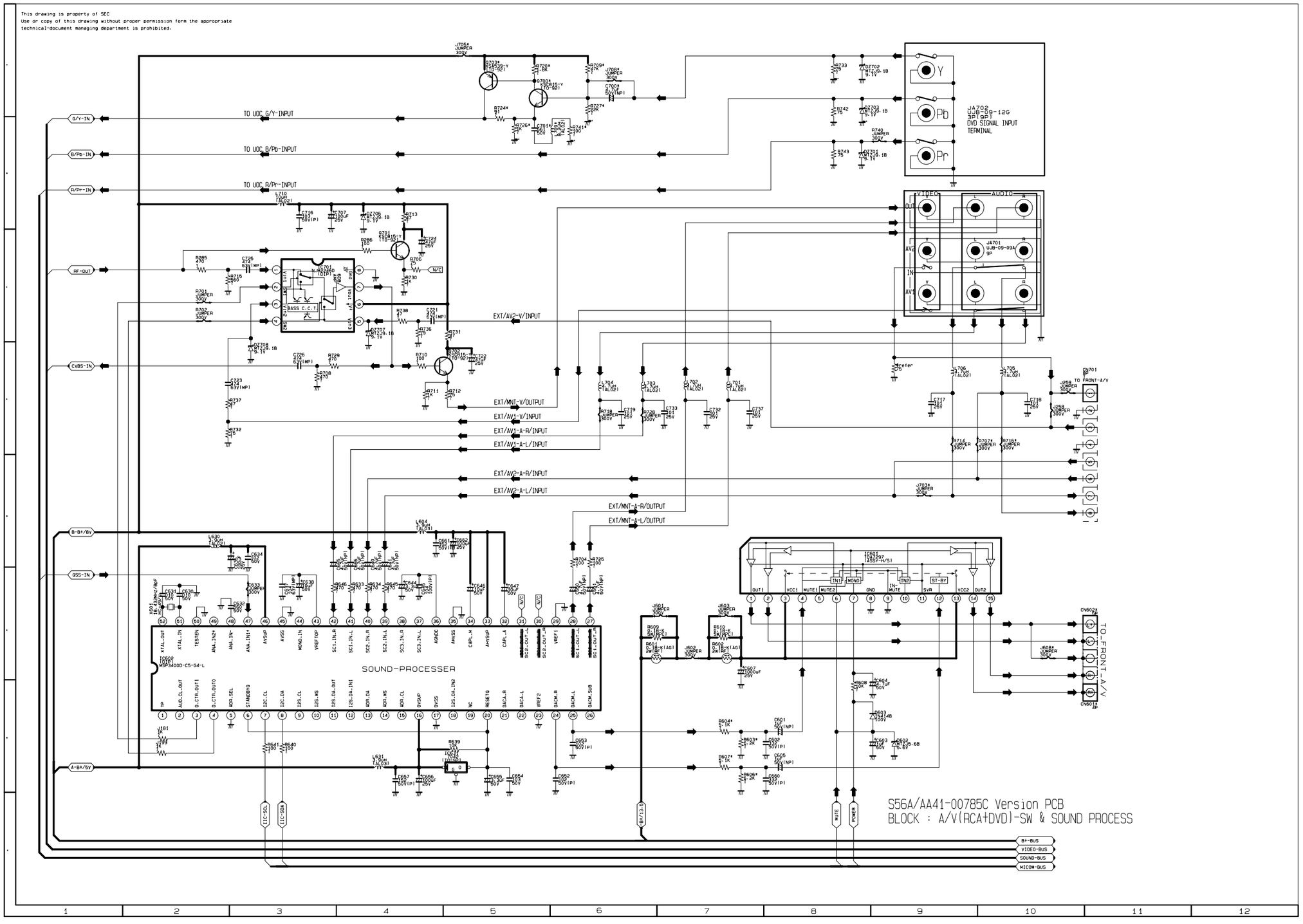
10-6 MAIN 1(AA41-00785C/29"FLAT)



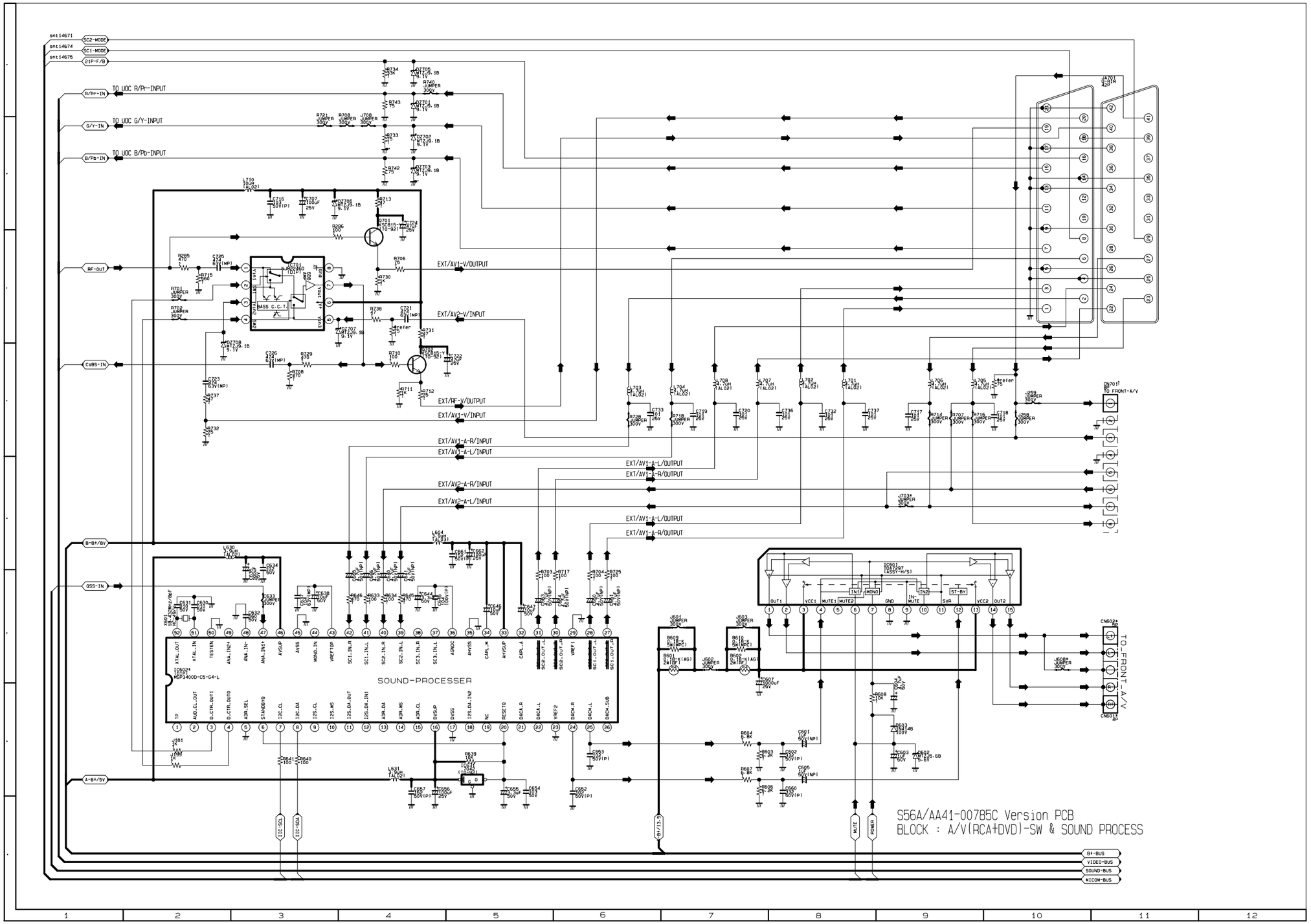
10-7 MAIN 2(AA41-00785C/29"FLAT)



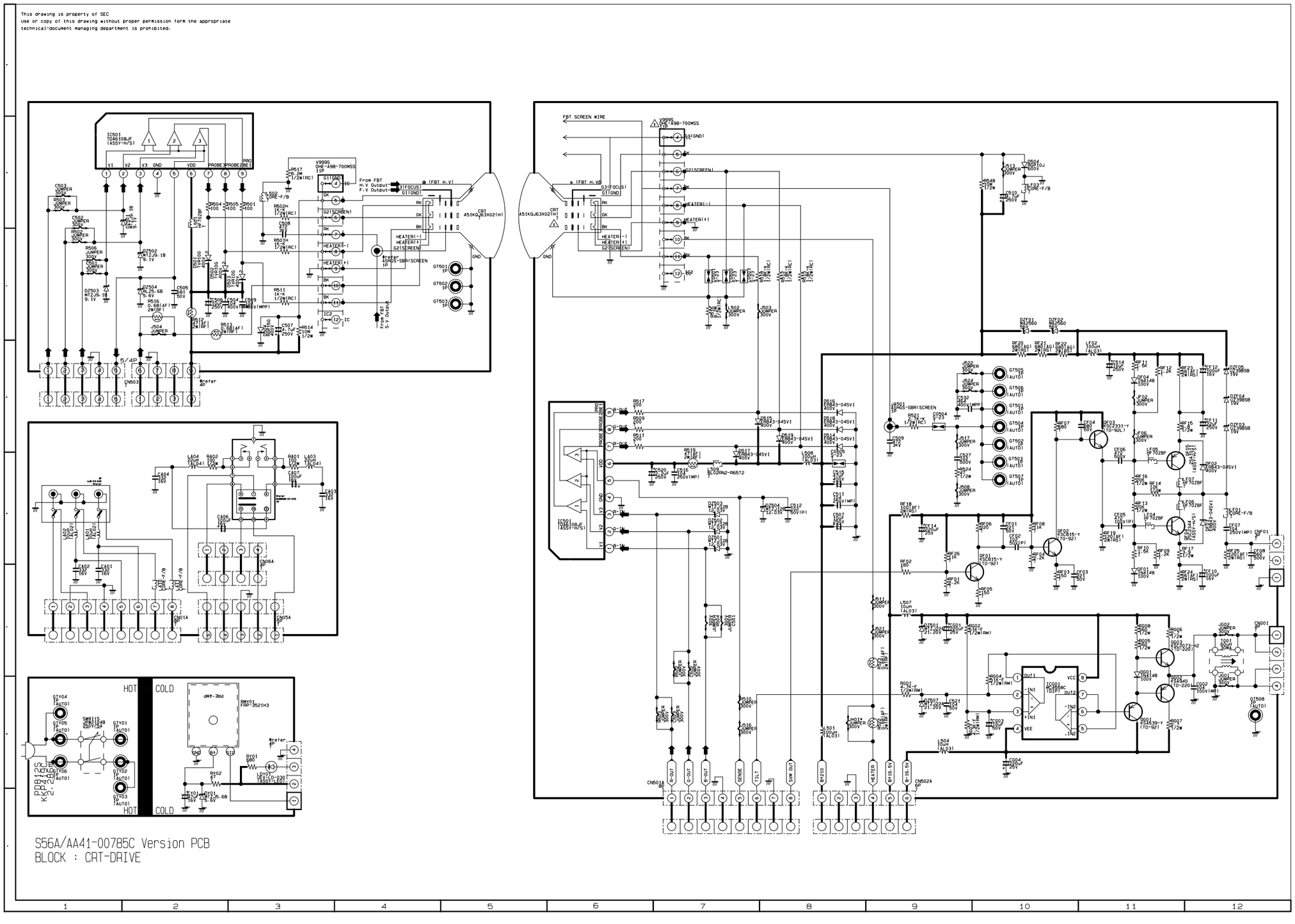
10-8 MAIN 3(AA41-00785C/29"FLAT)



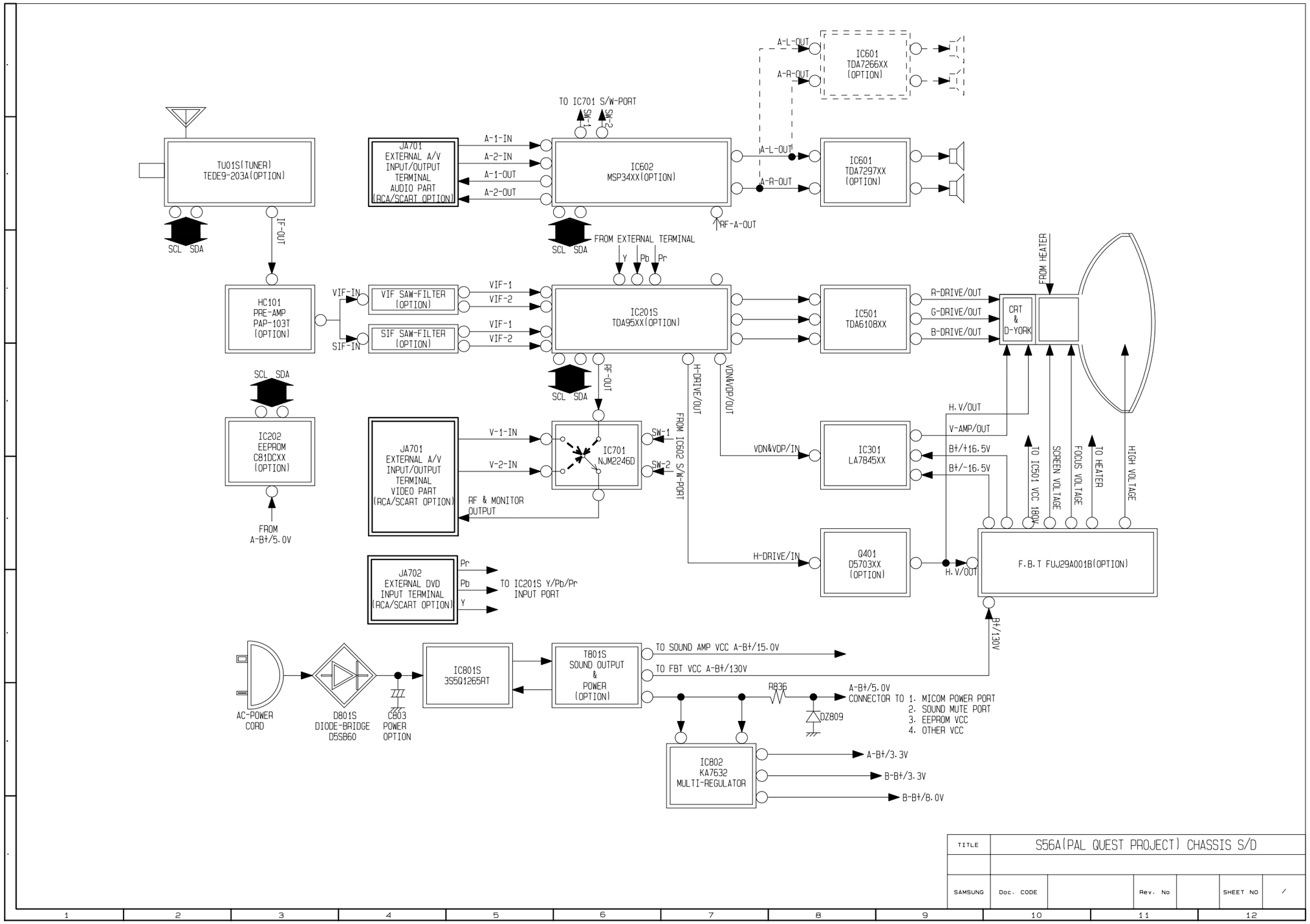
10-9 MAIN 4(AA41-00785C/29"FLAT)



10-10 MAIN 5(AA41-00785C/29"FLAT)

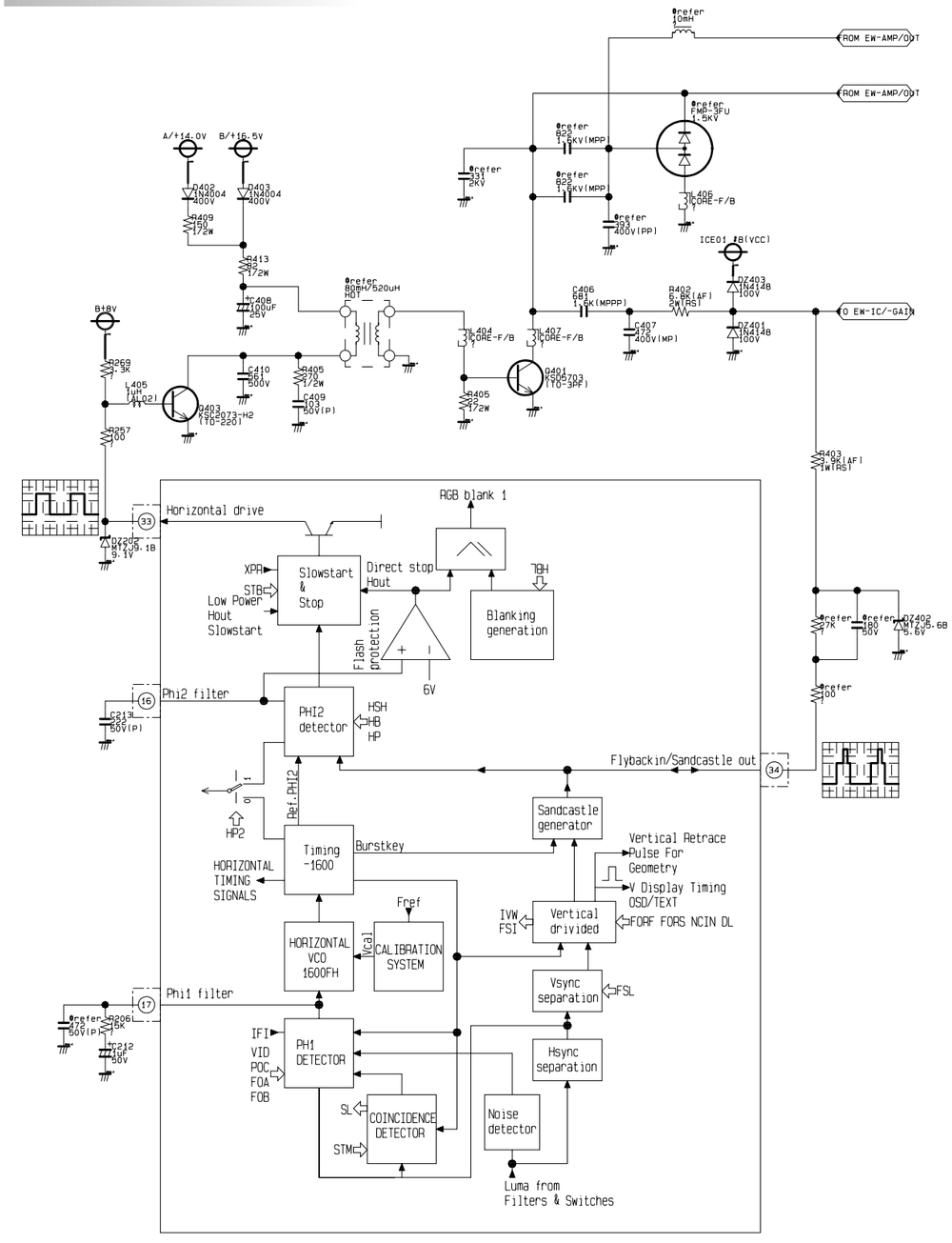


10-11 MAIN 6(AA41-00785C/29"FLAT)

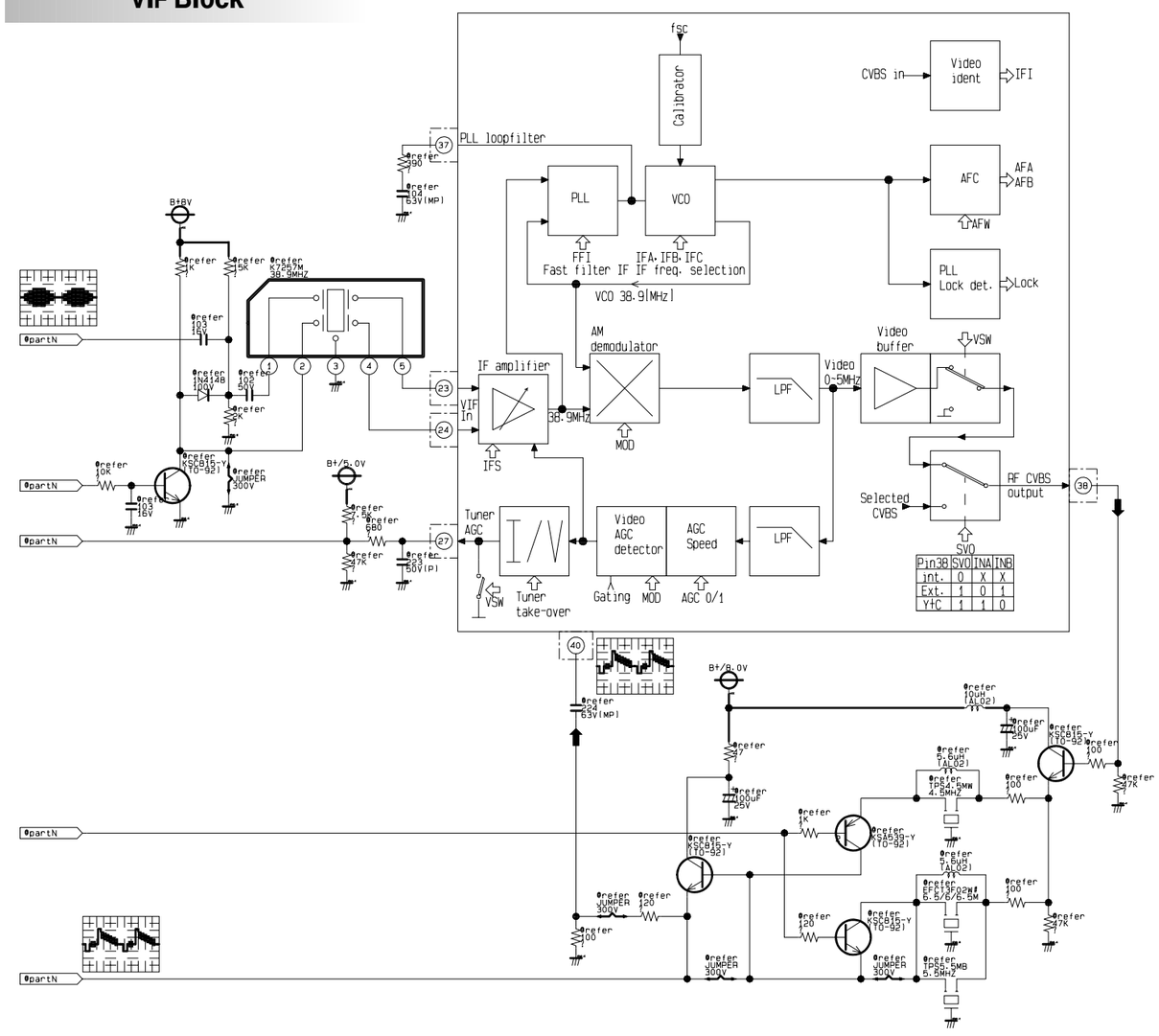


10-12 HORIZANTAL BLOCK, VIF BLOCK

Horizantal Block

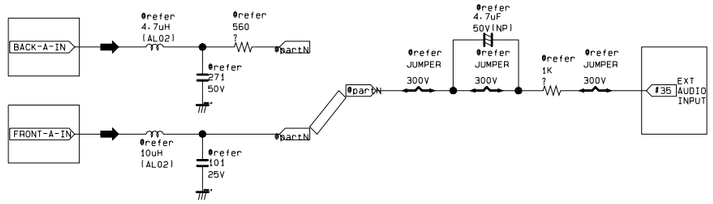


VIF Block

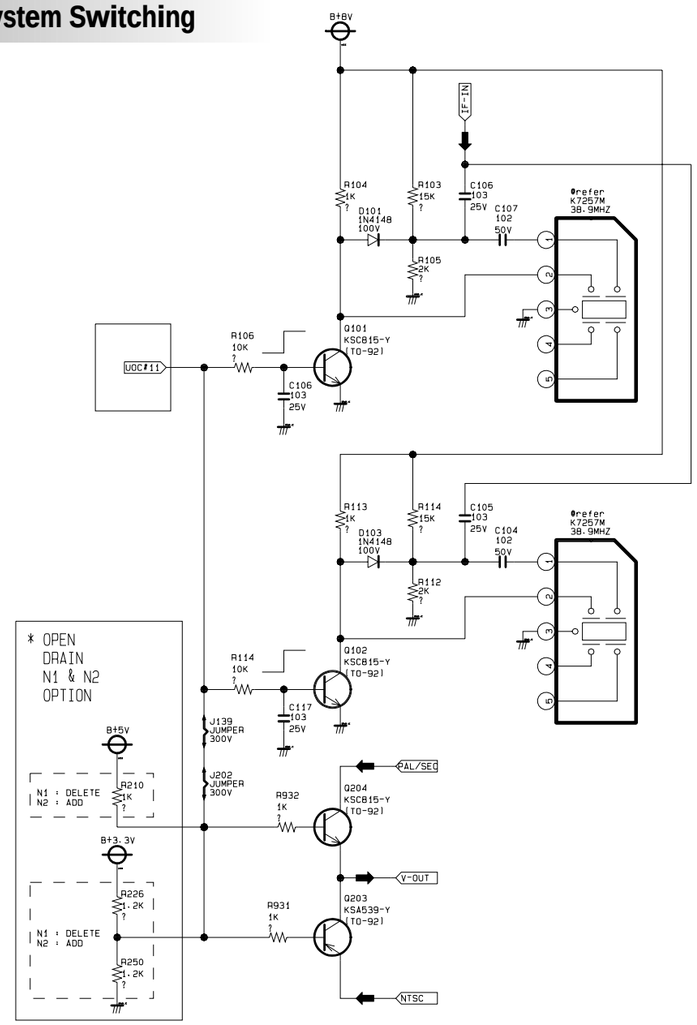
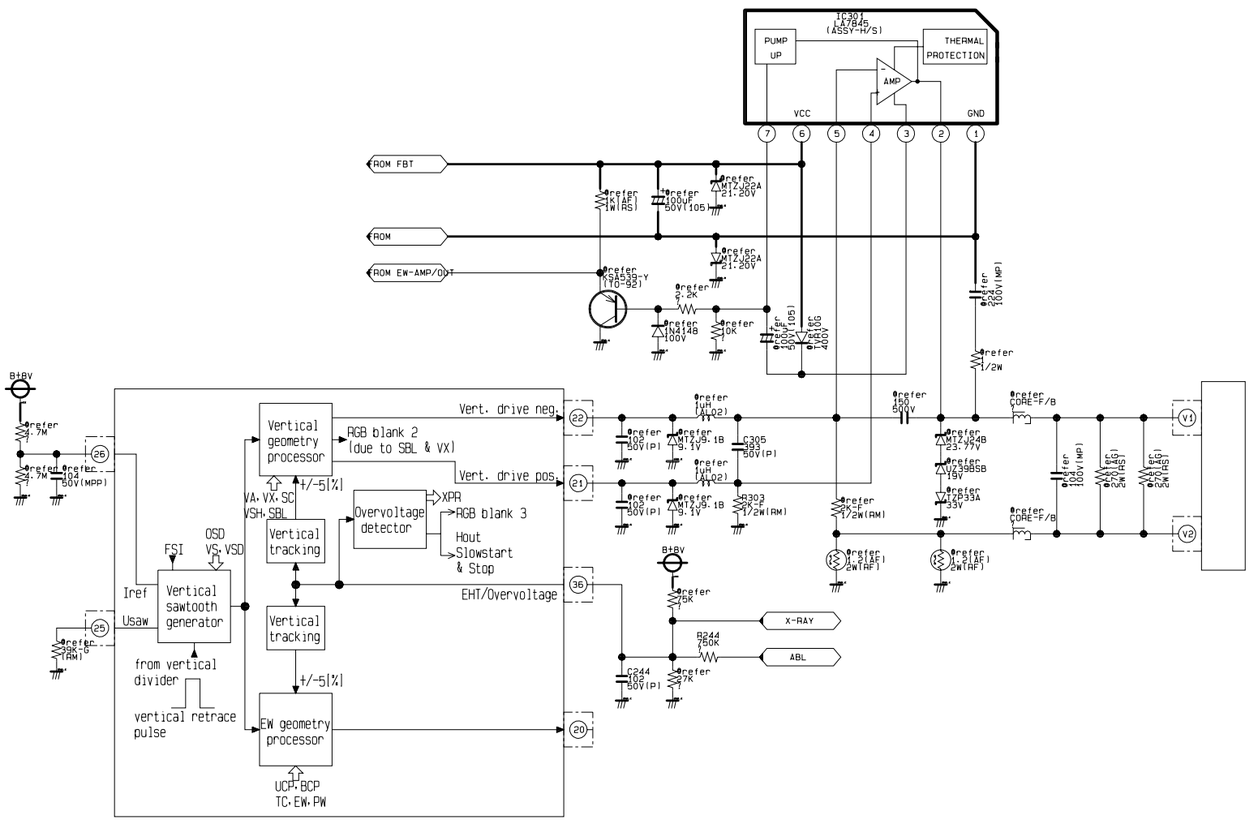


10-12 AUDIO SWITCHING, SYSTEM SWITCHING, SIF BLOCK

Audio Switching



System Switching



SIF Block